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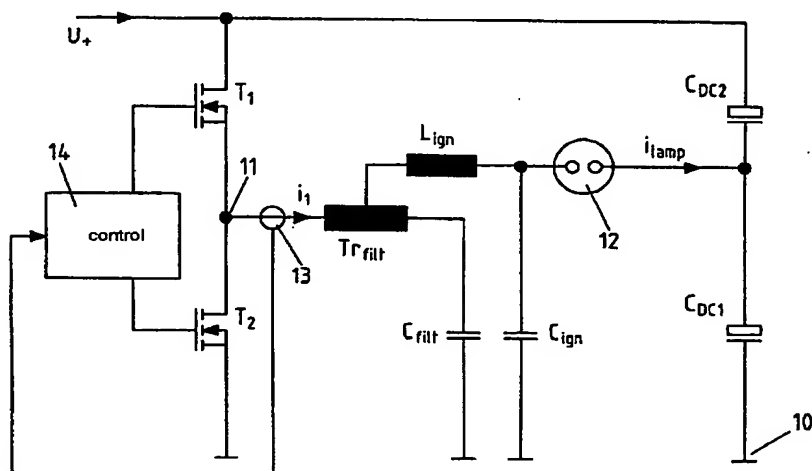
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(54) Title: ELECTRONIC CIRCUIT FOR SUPPLYING A HIGH-PRESSURE DISCHARGE ARC LAMP



(57) Abstract: The invention relates to an electronic circuit and to a method of supplying a high-pressure discharge arc lamp (12). The circuit comprises a DC-AC converter, for which purpose two controllable switching elements T1, T2 are connected in the form of a half bridge to an operating potential U+ and a reference potential (10). The circuit further comprises a two-stage filter arrangement. The lamp is connected to a coil L_{ign} of the second filter stage, and the same connection terminal of this coil L_{ign} is connected to the reference potential (10) via a capacitor C_{ign}. To make the circuit as small and as economical as possible, while high high-frequency interference peaks and strong currents in the circuit are avoided, it is proposed that a coil Tr_{filt} of the first filter stage has at least three taps. The first, outer tap is connected to the output of the half bridge, the second, central tap to the second connection terminal of the coil L_{ign}, and the third, outer tap to the reference potential (10) via a capacitor C_{filt}.